

2000 AUTHOR INDEX

Leonardo Volume 33 and Leonardo Music Journal Volume 10

ACEVEDO, VICTOR. "Void Matrix *Lattice*," *Leonardo* 33, No. 1 (2000).

AHARONIÁN, CORIÚN. "An Approach to Compositional Trends in Latin America," *Leonardo Music Journal* 10 (2000).

ALSCHILLER, IRA. "The View from the Pixel Factory: Ethos and Lucre," *Leonardo* 33, No. 2 (2000).

ANDERSSON, FRED. Review of *Bachelors* by Rosalind Krauss, *Leonardo* 33, No. 4 (2000).

ANDERSSON, FRED. Review of *Vi: Endokumentation om kulturrådgivere (We: A Documentation of Cultural Affairs)* by Staffan Mossenmark and Jörgen Svensson, *Leonardo* 33, No. 2 (2000).

ANKER, SUZANNE. "Gene Culture: Molecular Metaphor in Visual Art," in Special Issue "The Eighth Annual New York Digital Salon," 33, No. 5 (2000).

ARNHEIM, RUDOLF. "The Coming and Going of Images," *Leonardo* 33, No. 3 (2000).

ARNOLD, WILFRED NIELS. Review of *America and the Daguerreotype* by John Wood, *Leonardo* 33, No. 2 (2000).

ARNOLD, WILFRED NIELS. Review of *The Copyright Book: A Practical Guide*, by William S. Strong, *Leonardo* 33, No. 4 (2000).

ARNOLD, WILFRED NIELS. Review of *Van Gogh: Fields and Flowers*, by Debra N. Mancoff, *Leonardo* 33, No. 3 (2000).

ART+COM. "Ride-the-Byte," *Leonardo* 33, No. 2 (2000).

ASBERRY, KASEY. Review of "Design+Undesign: Tibor Kalman, 1979-1999," *Leonardo* 33, No. 3 (2000).

ASBERRY, KASEY. Review of "Urge," by Chico MacMurtrie, *Leonardo* 33, No. 2 (2000).

AYDEMIR, MURAT. Review of *Madonna: De vele gezichten van een popster (Madonna: The Many Faces of a Popstar)* by Hannah Bosma and Patricia Pisters, *Leonardo* 33, No. 4 (2000).

BARUCCI, VALENTINA. "Freesias and Mimosas in Semigroups and Via Fax Working," *Leonardo* 33, No. 1 (2000).

BECKER, BARBARA. "Cyborgs, Agents, and 'Transhumanists': Crossing Traditional Borders of Body and Identity in the Context of New Technology," in Special Issue "The Eighth Annual New York Digital Salon," 33, No. 5 (2000).

BEHRENS, ROY R. Review of *Alvar Aalto: Technology and Culture*, produced by Oy Yleisradio, *Leonardo* 33, No. 2 (2000).

BEHRENS, ROY R. Review of *American Venus: The Extraordinary Life of Audrey Munson, Model and Muse* by Diane Rozas and Anita Bourne Gottehrer, *Leonardo* 33, No. 4 (2000).

BEHRENS, ROY R. Review of *Becoming a Graphic Designer: A Guide to Careers in Design* by Steven Heller and Teresa Fernandes, *Leonardo* 33, No. 4 (2000).

BEHRENS, ROY R. Review of *Design by Numbers* by John Maeda, *Leonardo* 33, No. 2 (2000).

BEHRENS, ROY R. Review of *Masterpieces of Japanese Prints: Ukiyo-E from the Victoria and Albert Museum* by Rupert Faulkner, *Leonardo* 33, No. 2 (2000).

BEHRENS, ROY R. Review of *Merchant Prince and Master Builder: Edgar J. Kaufmann and Frank Lloyd Wright*, by Richard L. Cleary, *Leonardo* 33, No. 2 (2000).

BEHRENS, ROY R. Review of *The New Typography* by Jan Tschichold, *Leonardo* 33, No. 2 (2000).

BEHRENS, ROY R. Review of *The Springboard in the Pond: An Intimate History of the Swimming Pool* by Thomas A.P. van Leeuwen, *Leonardo* 33, No. 4 (2000).

BEHRENS, ROY R. Review of *A Typographic Workbook: A Primer to History, Techniques and Artistry* by Kate Clair, *Leonardo* 33, No. 2 (2000).

BELL, CLIVE. Review of *The People's Choice Music* by Komar & Melamid and Dave Soldier, *Leonardo* 33, No. 1 (2000).

BEVERIDGE, PATRICK. "Color Perception and the Art of James Turrell," *Leonardo* 33, No. 4 (2000).

BIZRI, HISHAM. "Story Telling in Virtual Reality," *Leonardo* 33, No. 1 (2000).

BOYER, STEPHEN. "Wanderings," *Leonardo* 33, No. 4 (2000).

BRÄUNINGER, JÜRGEN. "ihlathi," CD contributor's note, *Leonardo Music Journal* 10 (2000).

BRÄUNINGER, JÜRGEN. CD Companion Introduction: "Southern Cones: Music out of Africa and South America," *Leonardo Music Journal* 10 (2000).

BRIZZI, ALDO. "L'Épreuve du labyrinthe," CD contributor's note, *Leonardo Music Journal* 10 (2000).

BROWN, RICHARD D. "Virtual Unreality and Dynamic Form: An Exploration of Space, Time and Energy," *Leonardo* 33, No. 1 (2000).

CAILLAUD, BERNARD. "Cellular Automat'Art as Part of Algorithmic Art," *Leonardo* 33, No. 2 (2000).

CAMPBELL, JIM. "Delusions of Dialogue: Control and Choice in Interactive Art," *Leonardo* 33, No. 2 (2000).

CASADO, JOSE CARLOS, AND CANO, HARKAITZ. "'Reality,' Artificial Reproduction, and Sexuality," in Special Issue "The Eighth Annual New York Digital Salon," 33, No. 5 (2000).

CASSIDY, BRUCE, and MOHAMED, POPS. "Closet Blues and The Phoenix's Call," CD contributor's notes, *Leonardo Music Journal* 10 (2000).

COBURN, ROBERT. Review of *language, message, drummage: Compositions for Tape and for Instruments; Wayfaring Sounds: Compositions for Instruments and Tape; mutatis mutandis: Compositions for Solo Instruments and Ensembles; and SAWDUST: Computer Music Project (CDs)*, by Herbert Brün, *Leonardo* 33, No. 1 (2000).

COBURN, ROBERT. Review of *Xenakis: Electronic Music* by Iannis Xenakis, *Leonardo* 33, No. 1 (2000).

COLLINS, NICOLAS. "Introduction: Southern Cones," *Leonardo Music Journal* 10 (2000).

COLLOPY, FRED. "Color, Form and Motion: Dimensions of a Musical Art of Light," in Special Issue "The Eighth Annual New York Digital Salon," 33, No. 5 (2000).

COX, DAVID. Review of *Memory Trade: A Prehistory of Cyberspace* by Darren Tofts, *Leonardo* 33, No. 3 (2000).

CUELLAR CAMARGO, LUCIO EDILBERTO. "The Development of Electroacoustic Music in Colombia, 1965–1999: An Introduction," *Leonardo Music Journal* 10 (2000).

DAHLKE, KURT. "Brontologik," CD contributor's note, *Leonardo Music Journal* 10 (2000).

DELL, ROBERT. "Hitavaettur and the Implications of Geothermal Sculpture," *Leonardo* 33, No. 3 (2000).

DEL-PRETE, SANDRO. "Homage to Leonardo da Vinci," *Leonardo* 33, No. 1 (2000).

DE MEY, JOS. "Wandelrustende therapeut van Magritte in winters Arcadia," *Leonardo* 33, No. 1 (2000).

EMMER, MICHELE. "Homage to Escher," *Leonardo* 33, No. 1 (2000).

EMMER, MICHELE. "Only Bombs Are Intelligent?" *Leonardo* 33, No. 2 (2000).

FATHAUER, ROBERT. "Bats and Owls and Fractal Masks," *Leonardo* 33, No. 1 (2000).

FEILANE, DORA. "Synesthésies," *Leonardo* 33, No. 1 (2000).

FERGUSON, HELAMAN. "Four Canoes: Two Linking Klein Bottles with Hexagon Klein Bottle Plaza," *Leonardo* 33, No. 1 (2000).

FERRIS, MALCOLM. "Wired Worlds," *Leonardo* 33, No. 2 (2000).

FISCHER, HERVÉ. "A Crisis in Contemporary Art?" *Leonardo* 33, No. 1 (2000).

FUCHS, VALERIE SULLIVAN. "The Infinite Earth," *Leonardo* 33, No. 4 (2000).

GALEYEV, BULAT M. "Georgy Gidoni: Another Renascent Name," *Leonardo* 33, No. 3 (2000).

GALEYEV, BULAT M. Review of *Creative Interpretation of the Cosmos* by E.A. Magnitskaya, *Leonardo* 33, No. 4 (2000).

GALEYEV, BULAT M. Review of *Psychology of Color*, compiled by S.L. Udovik, *Leonardo* 33, No. 4 (2000).

GAUTHIER, HÉLÈNE. "Reflections of a Sculptor," *Leonardo* 33, No. 2 (2000).

GRANT-RYAN, PAMELA. "Leonardo Fights Back!: Introduction," *Leonardo* 33, No. 4 (2000).

GREENFIELD, GARY R. "Evolving Expressions and Art by Choice," *Leonardo* 33, No. 2 (2000).

GRETHER, REINHOLD. "How the etoy Campaign Was Won: An Agent's Report," *Leonardo* 33, No. 4 (2000).

GRIMSHAW, MARK; FAKU, FEYA; and FUTSHANE, MONDE LEX. *I Wish You Strength and Inner Peace*, CD contributor's note, *Leonardo Music Journal* 10 (2000).

GÜDÜKBAY, UGUR; EROL, FATIH; and ERDOGAN, NEZIH. "Beyond Tradition and Modernity: Digital Shadow Theater," *Leonardo* 33, No. 4 (2000).

GUIGUE, DIDIER. *Aquele que ficou sozinho*, CD contributor's note, *Leonardo Music Journal* 10 (2000).

HANKWITZ, MOLLY. Review of *The Pyrotechnic Insanitarium: American Culture on the Brink* by Mark Dery, *Leonardo* 33, No. 2 (2000).

HANRAHAN, SIÚN. "An Exploration of How Objectivity Is Practiced in Art," *Leonardo* 33, No. 4 (2000).

HEISNER, KEVIN. "Database Pø: Mutating Informatic Tools," *Leonardo* 33, No. 4 (2000).

HERTZ, PAUL. Review of *Obras Maestras del Museo Nacional de Bellas Artes (Masterworks of the Museum of Fine Arts)* by Jorge Glusberg et al., *Leonardo* 33, No. 4 (2000).

HILL, ANTHONY. "Escape Velocity: A Review," *Leonardo* 33, No. 2 (2000).

HOULE, KELLY M. "Escher II: Infinite Reflection," *Leonardo* 33, No. 1 (2000).

HUGUNIN, JAMES R. "in::FORMATION: The Aesthetic Use of Machinic Beings," *Leonardo* 33, No. 4 (2000).

HUTZLER, GUILLAUME; GORTAIS, BERNARD; and DROGOUL, ALEXIS. "The Garden of Chances: A Visual Ecosystem," *Leonardo* 33, No. 2 (2000).

HUWS, URSULA. "Nature, Technology and Art: The Emergence of a New Relationship?" *Leonardo* 33, No. 1 (2000).

IWAI, TOSHIO. "Another Time, Another Space," *Leonardo* 33, No. 2 (2000).

JOHNSON, NIGEL. "Digital Gateway," *Leonardo* 33, No. 2 (2000).

JONES, STEPHEN. "Towards a Philosophy of Virtual Reality: Issues Implicit in 'Consciousness Reframed,'" *Leonardo* 33, No. 2 (2000).

KADE, RICHARD. "De Profundis: Adumbrative Reflections?" *Leonardo* 33, No. 3 (2000).

KADE, RICHARD. Review of *Age of Spiritual Machines* by Ray Kurzweil, *Leonardo* 33, No. 3 (2000).

KAHN, DOUGLAS. Review of *Duchamp in Context: Science and Technology in the Large Glass and Related Works* by Linda Dalrymple Henderson, *Leonardo* 33, No. 3 (2000).

KALDENBACH, KEES. "A 3D Flight over Vermeer's Delft in 1660," *Leonardo* 33, No. 1 (2000).

KARNOW, CURTIS E.A. "Ubiquitous Computing, and Time," *Leonardo* 33, No. 1 (2000).

KELLER, DAMIÁN. "Compositional Processes from an Ecological Perspective," *Leonardo Music Journal* 10 (2000).

KELLER, DAMIÁN. "Palabras I and El escrache," CD contributor's notes, *Leonardo Music Journal* 10 (2000).

KERNE, ANDRUID. "CollageMachine: An Interactive Agent of Web Recombination," in Special Issue "The Eighth Annual New York Digital Salon," 33, No. 5 (2000).

KHAZAM, RAHMA. Review of *Les Sculptures Sonores—The Sound Sculptures of Bernard and François Baschet* by François Baschet, *Leonardo* 33, No. 4 (2000).

KHAZAM, RAHMA. Review of "Soundscapes be)for(e 2000," *Leonardo* 33, No. 4 (2000).

KOCÍB, ZDENĚK. "Luminograms: Apparent Movement in Two-Dimensional Images," *Leonardo* 33, No. 2 (2000).

KRASEK, MATJUSKA TEJA. "Quasicrystal World, Quasicube, and 2 V's," *Leonardo* 33, No. 1 (2000).

KUTSCHAT, DANIELA. Review of "Invenção 99," *Leonardo* 33, No. 3 (2000).

LEVINE, JOSHUA. "Experimental Visual Experience Devices," *Leonardo* 33, No. 1 (2000).

LEVRIER, GUY. "The Pathway between Art and Science," *Leonardo* 33, No. 3 (2000).

LEWIS, GEORGE. "Too Many Notes: Computers, Complexity and Culture in Voyager," *Leonardo Music Journal* 10 (2000).

LICHTY, PATRICK. "The Cybernetics of Performance and New Media Art," in Special Issue "The Eighth Annual New York Digital Salon," 33, No. 5 (2000).

LIGETI, LUKAS. "Balarama," CD contributor's note, *Leonardo Music Journal* 10 (2000).

LIGETI, LUKAS. "Beta Foly: Experiments with Tradition and Technology in West Africa," *Leonardo Music Journal* 10 (2000).

LOPEZ GARCIA, JACALYN. "Glass Houses: A View of American Assimilation from a Mexican-American Perspective," *Leonardo* 33, No. 4 (2000).

LUZURIAGA, DIEGO. "Viento en el Viento," CD contributor's note, *Leonardo Music Journal* 10 (2000).

MALINA, ROGER F. Review of "Inventing Experience: Experiments in

New Media at Interval Research," *Leonardo* 33, No. 2 (2000).

MALINA, ROGER F. "Open Letter to Our Readers," *Leonardo* 33, No. 4 (2000).

MANDELBROJT, JACQUES. Review of *The Sound of Painting: Music in Modern Art* by Karin V. Maur, *Leonardo* 33, No. 3 (2000).

MARCHANT, WILL. Review of *Full Moon* by Michael Light, *Leonardo* 33, No. 3 (2000).

MARKUS, MARIO. "A Scientist's Adventures in Postmodernism," *Leonardo* 33, No. 3 (2000).

MARTINEC, RADAN. "Rhythm in Multimodal Texts," *Leonardo* 33, No. 4 (2000).

MARTINO, JACQUELYN. "Clerestory," *Leonardo* 33, No. 3 (2000).

MCLACHLAN, NEIL. "A Spatial Theory of Rhythmic Resolution," *Leonardo Music Journal* 10 (2000).

MCMILLIN, MIKE. "They said that when I was born I looked just like my mother," *Leonardo* 33, No. 1 (2000).

MILLER, DANIEL WAYNE. "Colony," *Leonardo* 33, No. 4 (2000).

MIRANDA, EDUARDO RECK. *Electro-acoustic Samba I*, CD contributor's note, *Leonardo Music Journal* 10 (2000).

MORONI, ARTEMIS; MANZOLLI, JÖNATAS; VON ZUBEN, FERNANDO; and GUDWIN, RICARDO. "Vox Populi: An Interactive Evolutionary System for Algorithmic Music Composition," *Leonardo Music Journal* 10 (2000).

MURRAY, KEVIN. Review of *Techgnosis: Myth, Magic + Mysticism in the Age of Information* by Erik Davis, *Leonardo* 33, No. 4 (2000).

NAKAMURA, MAKOTO. "Wind and Wave and Forest of Memory," *Leonardo* 33, No. 1 (2000).

NEES, GEORG. "Growth, Structural Coupling and Competition in Kinetic Art," *Leonardo* 33, No. 1 (2000).

NZEWI, O'DYKE. "The Technology and Music of the Nigerian Igbo Ogene Anuka Bell Orchestra," *Leonardo Music Journal* 10 (2000).

OLSEN, KYM, and MARTIN, TREVOR. "Gesundheit," *Leonardo* 33, No. 4 (2000).

ORELLANA, FERNANDO. "The Hive," *Leonardo* 33, No. 4 (2000).

OROSZ, ISTVAN. "Escher in Italy," *Leonardo* 33, No. 1 (2000).

PALOMBINI, CARLOS. "The Brazilian Group for Computer Music Research: A Proto-History," *Leonardo Music Journal* 10 (2000).

PALOMBINI, CARLOS. Review of "Arnaldo Cohen Plays Chopin" (concert), *Leonardo* 33, No. 1 (2000).

PALOMBINI, CARLOS. Review of *Música de invenção* by Augusto de Campos, *Leonardo* 33, No. 1 (2000).

PEPPERELL, ROBERT. Review of *Africa: The Art of a Continent*, edited by Tom Phillips, *Leonardo* 33, No. 2 (2000).

PEPPERELL, ROBERT. Review of *The Alphabet versus the Goddess: The Conflict between Word and Image* by Leonard Shlain, *Leonardo* 33, No. 2 (2000).

PEPPERELL, ROBERT. Review of *Sites of Vision*, edited by David Michael Levin, *Leonardo* 33, No. 2 (2000).

PIETRONEGRO, FRANK. "Investigating the Creative Process in a Microgravity Environment," *Leonardo* 33, No. 3 (2000).

POAST, MICHAEL. "Color Music: Visual Color Notation for Musical Expression," *Leonardo* 33, No. 3 (2000).

POISSANT, LOUISE. "New Media Dictionary Part 1," *Leonardo* 33, No. 2 (2000).

POUVET, ROGER. "On the Cognitive Functioning of Aesthetic Emotions," *Leonardo* 33, No. 1 (2000).

PRICE, MICHAEL. "A Renaissance of Color: Particle Separation and Preparation of Azurite for Use in Oil Painting," *Leonardo* 33, No. 4 (2000).

PROPHET, JANE, and SELLEY, GORDON. "TechnoSphere III," *Leonardo* 33, No. 2 (2000).

RAAF, SABRINA. "The Unstoppable Hum," *Leonardo* 33, No. 4 (2000).

RAEDSCHELDERS, PETER. "Ducks and Space," *Leonardo* 33, No. 1 (2000).

RAND, HARRY. "Raisonné of Nicolas De Staël," *Leonardo* 33, No. 1 (2000).

RAO, PRASAD. Review of *Reframing Consciousness*, edited by Roy Ascott, *Leonardo* 33, No. 4 (2000).

RAPAPORT, SONYA. Review of "Invenção 99," *Leonardo* 33, No. 4 (2000).

RINALDO, KENNETH. "Standby Deliver," *Leonardo* 33, No. 4 (2000).

ROSENBERG, DOUGLAS. "Video Space: A Site for Choreography," *Leonardo* 33, No. 4 (2000).

SEN, ASOK K. "Mathematics, Computers and Visual Arts: Some Applications of the Product-Delay Algorithm," *Leonardo* 33, No. 3 (2000).

SERMON, PAUL. "Telematic Dreaming," *Leonardo* 33, No. 2 (2000).

SHAW, JEFFREY. "The Golden Calf," *Leonardo* 33, No. 2 (2000).

SHERIDAN, SONIA LANDY. "The New Artist and *Leonardo*," *Leonardo* 33, No. 4 (2000).

SHORTESS, GEORGE K. Review of *Brain, Vision, Memory: Tales in the History of Neuroscience* by Charles G. Gross, *Leonardo* 33, No. 2 (2000).

SIGAL, RODRIGO. "Dolor en Mi," CD contributor's note, *Leonardo Music Journal* 10 (2000).

SINTZOV, YE. V. Review of *The Versatile World of Kandinsky* compiled by N.B. Avtonomova, D.V. Sarabianov and V.S. Turchin, *Leonardo* 33, No. 3 (2000).

SINTZOVA, S.V., and SAIFULLIN, R.F. Review of *Is C Actually Red? (Ist C Rot? Eine Kultur- und Wissenschaftsgeschichte Beziehung zwischen Ton und Farbe: von Aristoteles bis Goethe)* by Joerg Jewansky, *Leonardo* 33, No. 3 (2000).

SMOLEY, RICHARD. "The Art of the Gene," in Special Issue "The Eighth Annual New York Digital Salon," 33, No. 5 (2000).

SPIELMANN, YVONNE. Review of *Digital Aesthetics* by Sean Cubitt, *Leonardo* 33, No. 3 (2000).

SPIELMANN, YVONNE. Review of *Virtualities: Television, Media Art and Cyberculture* by Margaret Morse, *Leonardo* 33, No. 2 (2000).

TERMES, DICK A. "Inspiration and Escher to the Third Power," *Leonardo* 33, No. 1 (2000).

THOMPSON, STEVE. Review of *Techno Textiles: Revolutionary Fabrics for Fashion and Design* by Sarah E. Braddock and Marie O'Mahony, *Leonardo* 33, No. 2 (2000).

TOPPER, DAVID. "On Anamorphosis: Setting Some Things Straight," *Leonardo* 33, No. 2 (2000).

TOPPER, DAVID. Review of *The Moon and the Western Imagination* by Scott L. Montgomery, *Leonardo* 33, No. 4 (2000).

TOPPER, DAVID. Review of *Perspectives on Science: Historical, Philosophical, Social*, edited by Joseph C. Pitt, *Leonardo* 33, No. 3 (2000).

TOPPER, DAVID. Review of *Stairways to the Stars: Skywatching in Three Ancient Cultures* by Anthony Aveni, *Leonardo* 33, No. 2 (2000).

TRUCKENBROD, JOAN. "Torn Touch: Interactive Installation," *Leonardo* 33, No. 4 (2000).

VAN PEER, RENÉ. Review of *Electric Enigma: The VLF Recordings of Stephen P. McGreevy (CD)* by Stephen P. McGreevy; *R&D, R&D2, Antiphony* and *Al-Jabr* (CDs) by Disinforma-

tion; and *The CONET Project: Recordings of Shortwave Numbers Stations* (CD), *Leonardo* 33, No. 1 (2000).

VAN PEER, RENÉ. Review of *The Fence* (CD) by Jon Rose, *Leonardo* 33, No. 1 (2000).

VELASCO, DANIEL. *"Island Landscape:* Following in Humboldt's Footsteps through the Acoustic Spaces of the Tropics," *Leonardo Music Journal* 10 (2000).

WANDS, BRUCE. "The New York Digital Salon 2000: A Coming of Age," in Special Issue "The Eighth Annual New York Digital Salon," 33, No. 5 (2000).

WASHBURN, DOROTHY K. "An Interactive Test of Color and Contour Perception by Artists and Non-Artists," *Leonardo* 33, No. 3 (2000).

WHITSON, NATALIE SHIFRIN. "The Specter of the Golem: The Quest for Safer Encaustic Painting Practice in the Age of OSHA," *Leonardo* 33, No. 4 (2000).

WOOLF, SAM. "The Sound Gallery: Project Statement," *Leonardo* 33, No. 3 (2000).

YOUNGS, AMY M. "Alchemical Bloom," *Leonardo* 33, No. 4 (2000).

YOUNGS, AMY M. "The Fine Art of Creating Life: Explorations in Genetic Art," in Special Issue "The Eighth Annual New York Digital Salon," 33, No. 5 (2000).

ANNOUNCEMENT

Fifth Space Arts Workshop (Rencontres du 13 avril) "Outer Space—Cyber Space" 25 March 2001, Paris

The "Rencontres du 13 avril" are a series of workshops co-organized by Leonardo/OLATS, the OURS Foundation, and the International Academy for Astronautics. Every year since 1997, leading scientists and artists have gathered in Boulogne-Billancourt near Paris for a one-day workshop on a specific theme. The "Rencontres du 13 avril" focus on exchanges between artists and scientists and on the cultural impact of space activities.

In 2001, the fifth "Rencontres du 13 avril" will be on the theme "Outer Space—Cyber Space." Participants will explore ways that artists and scientists are using the Internet not only to extend human presence in outer space, but also to bring access to the results of space exploration to earth.

This workshop will explore how outer space and cyberspace are becoming interconnected and how concepts and approaches that have been developed within outer-space activities can be related to concepts and approaches that are experienced in cyberspace. The first interplanetary Internet nodes are being planned, and the international space station will be connected to the Internet. Space agencies are now using the Internet to enable broad access to the results of space exploration: future missions are being planned to allow live webcast of images. Simulated extraterrestrial worlds have been created by artists in virtual space, and artists and scientists have used the Web to create scenarios of the future of space exploration.

For further information on the Space Arts Workshops see OLATS/Observatoire Leonardo des Arts et des Techno-Sciences <<http://www.olats.org>> or contact Annick Bureaud <bureaud@altern.org>.

